

MAY 06 2009

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079794.0108PATENT APPLICATION
10/564,595

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CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1-10. (Cancelled)

11. (Currently Amended) An acoustic converter for a portable device, comprising:

a housing[[],] comprising a membrane rear volume;

an opening structure[[],] located on the membrane rear volume;

wherein internal walls[[],] located on a rear wall of the portable device, wherein the internal walls form an acoustic channel through which sound is directed to the opening structure of the acoustic converter; and

an acoustical blocking element, located over the opening structure, wherein the acoustical blocking element forms an acoustic seal between the opening structure and the rear wall.

12. (Currently Amended) The acoustic converter according to claim [[6]] 11, wherein the portable device is a telephone

13. (Currently Amended) The acoustic converter according to claim [[6]] 11, wherein the internal walls comprise at least a single layer.

14. (Currently Amended) The acoustic converter according to claim [[6]] 11, wherein the internal walls are formed concentrically.

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15. (New) A telephone handset with a standard wideband acoustic converter for making acoustic signals audible,

wherein in a rear wall of a housing of the acoustic converter, a member rear volume of the acoustic converter includes openings opening towards the outside of the acoustic converter;

wherein a rear housing part of the telephone handset includes internal walls forming a channel around the openings of the rear wall of the housing of the acoustic converter through which an area up to the rear housing part of the telephone handset is sealed in a soundproof manner; and

wherein openings of the telephone handset are arranged in the rear housing part in an area within the internal walls surrounding the openings in the rear wall of the housing of the acoustic converter forming a channel for sound to escape to the outside of the telephone handset.

16. (New) The telephone handset according to Claim 15, wherein the telephone handset is corded.

17. (New) The telephone handset according to Claim 15, wherein the telephone handset is cordless.

18. (New) The telephone handset according to Claim 15, wherein the internal walls of the telephone handset forming the channel are embodied as at least a single layer.

19. (New) The telephone handset according to Claim 15, wherein the internal walls of the telephone handset forming the channel are embodied concentrically.

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20. (New) The telephone handset according to Claim 15, wherein the transition from free ends of the internal walls forming the channel of the rear housing part of the telephone handset to the rear wall of the housing of the acoustic converter is sealed in a soundproof manner by additional material.

21. (New) The telephone handset according to Claim 20, wherein the additional material is a foam plastic material.

22. (New) The telephone handset according to Claim 20, wherein a seal comprising the additional material is formed by a foam plastic ring.

23. (New) The telephone handset according to Claim 15, wherein the acoustic converter is an earpiece which is arranged between a lower shell of the telephone handset and an upper shell of the telephone handset, the upper shell forming the rear housing part.

24. (New) The telephone handset according to Claim 15, wherein the acoustic converter has a wideband transmission range from about 160 Hz to about 6.3 kHz.

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25. (New) A system, comprising:

a telephone handset comprising a rear housing part with internal walls;
an acoustic converter comprising a housing component comprising a rear wall,
wherein the rear wall includes a first opening;
wherein the internal walls of the rear housing part of the telephone handset forms a
soundproofing channel around the first opening; and
wherein the rear housing part of the telephone handset comprises a second opening
for guiding sound through the channel to outside of the telephone handset.

26. (New) The system according to Claim 25, wherein the acoustic converter is an
earpiece arranged between a lower shell of the telephone handset and an upper shell of the
telephone handset, and wherein the upper shell comprises the rear housing part of the
telephone handset.

27. (New) The system according to Claim 25, wherein the soundproofing channel
comprises a substantially soundproof foam plastic material.

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